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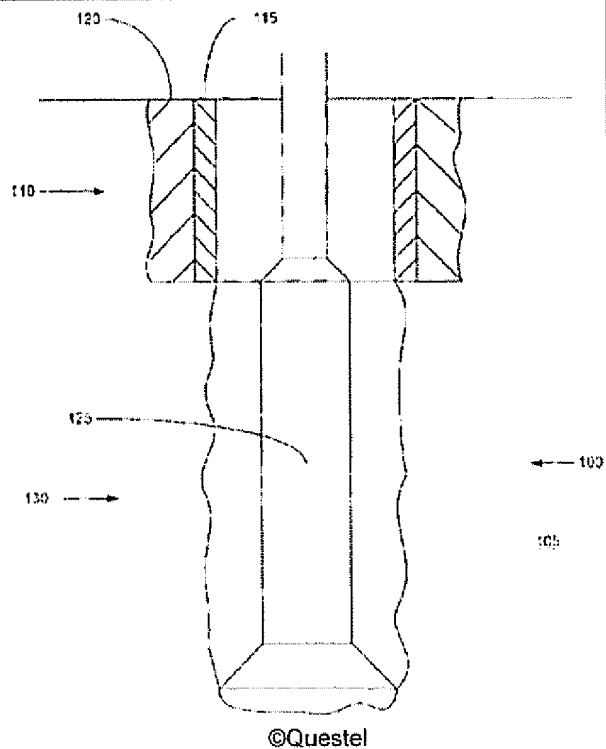
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(A1) Adding a liner to a borehole by inserting liner on a mandrel, injecting liquid between the liner and the borehole and expanding the liner onto the wall

(A1) Schmier- und Selbstreinigungssystem für Aufweitungsdrorn

A borehole casing is made by inserting a tubular liner and a mandrel into the borehole, injecting a fluid material into the hole, pressurizing the inside part of the tubular liner and radially expanding it off the mandrel. - DETAILED DESCRIPTION - An INDEPENDENT CLAIM describes a method for creating a casing in a borehole that already contains a casing comprising. - (1) Drilling out the borehole adjacent to the existing casing. - (2) Putting a tubular liner and expanding mandrel into the new section. - (3) Overlapping the liner with the existing liner section. - (4) Injecting a hardenable fluid between the new liner section and the borehole wall. - (5) Isolating the annular region between the liner and the borehole wall from the interior of the liner below the mandrel. - (6) Injecting a non-hardenable fluid into the region below the mandrel. - (7) Extruding the liner off the mandrel. - (8) Sealing the overlap between the new and existing liners. - (9) Removing the mandrel. - (10) Testing the seal between the new and existing liner section. - A second INDEPENDENT CLAIM describes a method for performing the method as described above.



Inventor(s): (A1) COOK ROBERT LANCE (US)
BRISCO DAVID PAUL (US)
STEWART R BRUCE (NL)
RING LEV (US)
HAUT RICHARD CARL (US)
MACK ROBERT D (US)
DUELL ALAN B (US)
FILIPPOV ANDREI GREGORY (US)

Assignee(s): Shell Internationale Research Maatschappij
B.V., Den Haag, NL

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Assignee(s): (A1) SHELL INT
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